

## Power Generation Device Overview:

Original conceptual design by K. Haughey and M. Bendit 05-14-2007

Intended as a stand-alone electrical power generator, the design is scalable, whereas the physical parameters can be modified to accommodate a variety of specific applications (mobile or stationary). The unit shown below consists of two primary modules (motor and generator) that are mechanically coupled to produce electrical energy. From a production standpoint, the device employs common manufacturing and assembly techniques, thereby reducing exotic process expense. Designed with ease of maintenance in mind, field repairs can be performed by most mechanics with a basic mechanical aptitude. Of several fuel sources considered, the intent is to power the system without petroleum or bio-fuels. Note: The CAD models shown below are not complete, whereas proprietary components are not shown. The initial design is approximately 22.00 dia. X 10.00 deep in overall size.

